

### Abstract Of The Disclosure

An electronic control unit having implemented on it, and made up of components, a software and a plurality of software interfaces, optimized with respect to the exchange of data, for the optional coupling in of a plurality of applications, the software including at least one  
5 application-specific software code of a component for each application capable of being coupled in, which is activated when the application is coupled in. The present arrangement also relates to a corresponding method for the specification of a software architecture of an electronic control unit.